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100% Free Agile Technical Tester CTAL-ATT Dumps PDF Demo Cert Guide Cover

ISQI CTAL-ATT Exam Syllabus Topics:

TopicDetailsTopic 1- Understand the concept of service virtualization and its role in Agile projects- Analyze user stories and epics using requirements engineering techniquesTopic 2- Continuous Integration, continuous testing, and continuous delivery- Understand the use Experienced-based techniquesTopic 3- Understand the role of continuous testing in continuous delivery and continuous deployment (CD)- Understand the meaning of the mnemonic word FIRSTTopic 4- Understand the challenges of test automation in agile settings- Understand practical task-list for Refactoring Test casesTopic 5- Apply data-driven and keyword-driven test techniques to develop automated test scripts- Apply test-driven development (TDD) in the context of a given example in an Agile projectTopic 6- Understand the importance of refactoring test cases in Agile projects- Apply continuous integration (CI) and summarize its impact on testing activitiesTopic 7- Explain differences between Mission critical and non-critical- Apply behavior-driven development (BDD) in the context of a given user story in an Agile project

NEW QUESTION 24

You are testing a large e-commerce system for household goods that is being implemented using Agile methodologies You are currently working on deriving tests tor stories that are implementing the following epic.

As a customer I want to use the e-commerce system, so that I can have my purchased goods delivered to my house.

The story you are currently working on is

As a customer I want to be told how many items I need to purchase, so I can receive free shipping Which of the following is an appropriate test charter for this story?
* Login as a customer buy various goods request free delivery add more items to your cart checkout, verify that your delivery is free
* Buy 12 of one item and see if you are advised that you get free shipping
* Login as a customer buy an item verify message tells you how many are needed for free delivery add items to your cart until you qualify checkout verify delivery is free
* As a supplier verify that when a customer purchases the correct number of goods the system doesn’t add any delivery fees at checkout

NEW QUESTION 25

You have been given the following story

As a shopper

I want to scan my membership card

So that I get all the discounts I’m entitled to receive

Which of the following is the correct use of BDD to design test scenarios?
* Given that the shopper scans their card

When they checkout

Then they should receive alt the quantity discounts for everything they have purchased
* As a store clerk

I want to scan a customer’s card

So that their total includes their discounts
* Given that I have scanned my card

I expect to receive my discounts

And an itemized list of what I bought
* Given that a card is scanned

Then discounts should be applied

When the customer checks out

NEW QUESTION 26

You have been asked to supply the list of keywords for a keyword-driven test automation script that will be used to test the following story As a customer I want to be able to add and delete items from my shopping carl, so that I can buy the right number of items and still get free shipping on some of the items The automation will add and delete items from a customer’s shopping carl and will then verify that the total shipping cost is correct The test automation library has a large set of keywords that have been coded to support this ecommerce site Which of the following is the smallest set of keywords that contains the ones needed to support testing this story?

* Add Item View Cart Compute Shipping
* Login Add Item, Delete Item Checkout, Compute Cart Total, Compute Shipping Complete Order
* Login Add Item Checkout Compute Carl Total Compute Shipping, Complete Order
* Login Add Item Delete Item View Cart Compute Shipping

NEW QUESTION 27

You are testing a new feature in the current iteration. The feature is supposed to take the input of a name and return the number of characters in the name. This information is used by another feature that will determine the size needed on a form. The acceptance criteria state the following

1) a name of up to 30 characters should be accepted

2) standard error processing should be in place to limit user errors

The developers are using TDD and you have asked to see their tests. This is what they gave you

```
@Test
Public void shouldCountCharacters() {
    NameCounter nameCounter = new NameCounter();
    assertThat(nameCounter.countCharacters("smith"), is("5"));
    assertThat(nameCounter.countCharacters("x"), is("1"));
{
```

When yourun your manual tests you are finding that when you use the following inputs you get the associated results:

From these results what can you conclude about the TDD process?

* The developers are not running the tests prior to releasing the code
* The tests cannot be passing
* The tests are insufficient and need to include more options
* The story needs to be enhanced to include the capabilities that are causing errors

NEW QUESTION 28

You have been asked to supply the data file for a data-driven test automation script that will be used to test the following story:

As a customer I want to be told how many items I need to purchase, so I can receive free shipping You have been told the automation will verify whether or not the free shipping message is displayed. Which of the following columns should appear in your data file to support the automated testing of this story?

* item ID quantity purchased free shipping (y/n), item shipping cost total shipping cost
* customer name # items, price of items, total shipping cost

* item ID quantity purchased free shipping (y/n)
* quantity purchased, free shipping (y/n), total shipping cost

NEW QUESTION 29

As a tester on an Agile team you have been given the following user story to analyze As a medical professional I want to see the availability of operating rooms So I can schedule surgeries as needed You have talked with the product owner and she expressed some concern over the term “medical professional” You have looked into this and found that doctors want to schedule their surgeries but the hospital administrator does not want them to have this ability At this point what should you do to try to resolve this issue?
* Wait for the team to sort out the requirements and test something else in the meantime
* Continue with testing from the perspective of a doctor and trust the procedures to be worked out later regarding who can do what
* Work with the BA and the product owner to try to negotiate the differing approaches and come to an agreement
* Expand the testing to cover all personas to ensure that everyone can use the application and let the processsort out later when access is allowed to the application

NEW QUESTION 30

Which of the following is an example of how continuous testing facilitates continuous delivery?
* Automated testing conducted in the delivery environment helps validate that the delivery has been successful
* Continuous testing is the process that delivers the code to the test environment
* Automated testing removes the need to report defects so the code can move more quickly toward production
* Continuous testing supports continuous delivery to production by constantly regression testing the software in the production environment so problems are identified quickly

NEW QUESTION 31

Which of the following is a correct statement?
* Test automation is a procedure
* Test automation is a test objective
* Test automation is a strategy
* Test automation is a methodology

NEW QUESTION 32

Why is it important to refactor test cases to make them easier to understand?
* Because developers need to use them for performance testing
* Because they will be used as the code-under-test changes, so they need to be easy for other testers to understand and modify
* Because users will apply them as use cases for UAT and need to be able to determine the mam path and alternate paths
* Because the observable behavior of the test case will change and the product owner needs to be able to clearly see what the behavior should be

NEW QUESTION 33

The challenges described below are of test automation in agile settings or agile projects. Which is the correctly described one?
* Resource’s availability is a challenge in automating tests in agile settings, as they are needed to create, maintain, and execute the test suite
* Unit testing automation is the most critical test automation needed in agile and covers most of the testing challenges in agile quality of code and gives good test coverage
* Test deployment time is one of the challenges of agile testing, as deploying slow is not possible in short iterations

* Test Execution Time is not critical in agile as there are fewer tests written, and they are designed as checklists or high-level tests which reduces the time it takes to execute them

NEW QUESTION 34

You have been working as a tester in an Agile team You have found that the user stories are being defined by the team but it is still unclear what will be a successful outcome Even after story elaboration you are still unclear as to what a story should do As a result, you’re not really sure what to test or to know when you’ll be done with testing This problem is becoming worse as completed stories are showcased but the product owner is unhappy with the results You’ve looked into the matter further and the comments from the product owner indicate that features are missing from the stories.The story is functioning correctly within the limited definition of the story but the product owner is expecting more functionality, such as error handling that isn’t being defined in the story What technique should you implement that would help to further define the product owner’s expectations and alleviate the issues that are arising during the show cases?

* TDD by the developers before they begin coding
* BDD by the developers when unit tests are being created
* ATDD by the team to better define the requirements
* A combination of TDD and BDD by the team to improve the pre-build testing

NEW QUESTION 35

A developer has implemented a class that calculates if a given date is a leap year. The definition for the leap year is given:

Every year that is exactly divisible by four is a leap year, except for years that are exactly divisible by 100, but these centurial years are leap years if they are exactly divisible by 400.

– divisible by 4

– but not by 100

– years divisible by 400 are leap anyway

You have already thought about it and started with the first test class; the test class looks like (pseudo JavaScript used here):

// LeapYear.spec.js

describe(‘Leap year calculator’, () => {

it(‘should consider 1996 as leap’, () => {

expect(LeapYear.isLeap(1996)).toBe(true);

});

});

What would now be your next step to proceed as efficient as possible, to validate the correctness of the class above?

* First write additional test classes to test also other relevant aspects of the leap year calculation
* First write code that covers other relevant aspects of the leap year calculation
* First write code that makes this test case fail
* First write code that makes this test case pass

NEW QUESTION 36

What is the primary purpose of the debriefing meeting when exploratory testing is used in an Agile setting?
* To identify defects
* To define the charier for the test
* To provide a status of the progress and coverage of the session
* To review the actions of the tester and determine if there were any errors made during the testing

NEW QUESTION 37

Refactoring of test cases is needed in agile projects for many reasons.

Which of the following statements about the refactoring of test cases is correct?
* Refactoring of test cases is done to match and evolve the test cases due to changing functionality. The main benefits include improving the regression test cases and the continued alignment of the tests with the code base and product functionality
* Refactoring of test cases is needed because we cannot write and maintain detailed test cases in the short iterations associated with agile. The main benefits include aligning the pace of testing with development and the ability to quickly create new test cases
* In general, in the agile world refactoring is a way to clean up test cases by making them shorter. The main benefits include the ability to write test cases quickly, being able to test faster using short test cases, and being able to automate them quickly
* Refactoring of test cases is done as a process with the following steps: Identification, Refactor, Re-run, and Identify again. The main benefits include improving the regression test cases and maintaining the alignment of tests with the code base and product functionality

NEW QUESTION 38

You have to review the following user story that will be developed and tested during the next Sprint:

As a potential conference attendee, I want to be able to register for the conference online, so that registration is simple and paperless.

The following acceptance criteria are also mentioned:

i) Payment can be made via PayPal, Debit or Credit Cards

ii) An acknowledgement email is sent to the attendee after submitting the form iii) Protection against spam is working as expected iv) Information from the form is stored in the registrations database v) All incorrect user inputs are flagged by the system Which of the following correctly shows which acceptance criteria are testable?
* ii, iv, v are testable
* i, iii, v are testable
* i, ii, iv are testable
* iii, iv, v are testable

NEW QUESTION 39

Which of the following best describes when the test automation suite should be updated in order to keep up with the development of new/changed software?
* At the end of each iteration after the completion of manual testing
* At the end of each release during regression testing
* At the start of each iteration during planning
* During each iteration as the code is received

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